WHAT IS CLAIMED IS:

1.   A communication apparatus including means for connecting to a public communication line, a scanner for reading an image, means for converting the image

5   read by said scanner to have a predetermined format, and means for executing a sending process to a server connected to the public communication line in a case where it is necessary to send the converted image as an electronic mail to the Internet, said apparatus

10   comprising:

means for registering a facsimile number of a destination to which the image should be sent, for an abbreviation number;

means for registering an electronic mail address

15   of said destination for the same abbreviation number;

a key corresponding to the abbreviation number, a key representing facsimile sending, and a key representing electronic mail sending;

means for executing the facsimile sending of the

20   read image to the registered facsimile number in a case where said key representing the facsimile sending is depressed pursuant to depression of said key corresponding to the abbreviation number; and

means for executing the electronic mail sending of

25   the read image to the registered electronic mail address in a case where said key representing the electronic mail sending is depressed pursuant to

depression of said key corresponding to the
abbreviation number.

2.   An apparatus according to Claim 1, further
comprising means for notifying the destination having
the facsimile number registered for the same
abbreviation number as that for which the electronic
mail address has been registered, of sending of the
electronic mail within a predetermined time before and
after the sending of the electronic mail, in case of
sending the electronic mail to the electronic mail
address.

3.   An apparatus according to Claim 1, wherein the
public communication line is a digital communication
line capable of simultaneously executing plural
communications,

wherein said apparatus executes the facsimile
sending of the read image to the registered facsimile
number by using a first communication channel, and
executes the electronic mail sending of the read image
to the registered electronic mail address by using a
second communication channel, in a case where said key
representing the facsimile sending and said key
representing the electronic mail sending are depressed
pursuant to the depression of said key corresponding to
the abbreviation number.

4. An apparatus according to Claim 1, wherein the public communication line is a digital communication line capable of simultaneously executing plural communications, and there is prepared a key representing simultaneous sending of the facsimile and the electronic mail, said key being depressed pursuant to the depression of the key representing the abbreviation number,

wherein said apparatus executes the facsimile sending of the read image to the registered facsimile number by using a first communication channel, and executes the electronic mail sending of the read image to the registered electronic mail address by using a second communication channel, in a case where said key representing the simultaneous sending is depressed.

5. An apparatus according to Claim 1, further comprising:

means for registering, in the registering process for the abbreviation number, input data as the electronic mail address in a case where said key representing the electronic mail sending is depressed pursuant to input of the electronic mail address; and

means for registering, in the registering process for the abbreviation number, the input data as the facsimile number in a case where said key representing the facsimile sending is depressed pursuant to input of

the facsimile number.

6. An apparatus according to Claim 1, further comprising means for registering, in the registering process for the abbreviation number, input data as the electronic mail address in a case where a specific symbol used in the electronic mail address is included in the input data.

7. An apparatus according to Claim 1, further comprising:

a first CPU (central processing unit) for detecting that said key representing the electronic mail sending is depressed;

means for notifying a second CPU that said first CPU executed the detection;

means for forming electronic mail data when said second CPU receives the notification; and

means for executing the data sending process from said second CPU to the public communication line.

8. A communication method in a communication apparatus including means for connecting to a public communication line, a scanner for reading an image, a means for converting the image read by the scanner to have a predetermined format, and a means for executing a sending process to a server connected to the public

communication line in a case where it is necessary to send the converted image as an electronic mail to the Internet, said method comprising:

a step of registering a facsimile number of a destination to which the image should be sent, for an abbreviation number;

a step of registering an electronic mail address of the destination for the same abbreviation number;

a step of executing facsimile sending of the read image to the registered facsimile number in a case where a key representing the facsimile sending is depressed pursuant to depression of a key corresponding to the abbreviation number; and

a step of executing electronic mail sending of the read image to the registered electronic mail address in a case where a key representing the electronic mail sending is depressed pursuant to depression of the key corresponding to the abbreviation number.

9. A method according to Claim 8, further comprising a step of notifying the destination having the facsimile number registered for the same abbreviation number as that for which the electronic mail address has been registered, of sending of the electronic mail within a predetermined time before and after the sending of the electronic mail, in case of sending the electronic mail to the electronic mail

address.

10.   A method according to Claim 8, wherein the public communication line is a digital communication line capable of simultaneously executing plural communications,

wherein said method executes the facsimile sending of the read image to the registered facsimile number by using a first communication channel, and executes the electronic mail sending of the read image to the registered electronic mail address by using a second communication channel, in a case where the key representing the facsimile sending and the key representing the electronic mail sending are depressed pursuant to the depression of the key corresponding to the abbreviation number.

11.   A method according to Claim 8,

wherein the public communication line is a digital communication line capable of simultaneously executing plural communications,

wherein said method executes the facsimile sending of the read image to the registered facsimile number by using a first communication channel, and executes the electronic mail sending of the read image to the registered electronic mail address by using a second communication channel, in a case where a key

representing simultaneous sending of the facsimile and the electronic mail is depressed pursuant to the depression of the key representing the abbreviation number.

12. A method according to Claim 8, further comprising:

a step of registering, in the registering process for the abbreviation number, input data as the electronic mail address in a case where the key representing the electronic mail sending is depressed pursuant to input of the electronic mail address; and

a step of registering, in the registering process for the abbreviation number, the input data as the facsimile number in a case where the key representing the facsimile sending is depressed pursuant to input of the facsimile number.

13. A method according to Claim 8, further comprising a step of registering, in the registering process for the abbreviation number, input data as the electronic mail address in a case where a specific symbol used in the electronic mail address is included in the input data.

14. A method according to Claim 8, further comprising:

a step of notifying a second CPU that a first CPU detected the depression of the key representing the electronic mail sending;

a step of forming electronic mail data when the second CPU receives the notification; and

a step of executing the data sending process from the second CPU to the public communication line.

15. A storage medium to store a computer program for the implementation of a communication method comprising the following steps:

a step of registering a facsimile number of a sending destination for an abbreviation number;

a step of registering an electronic mail address of the sending destination for the same abbreviation number;

a step of executing facsimile sending of a read image to the registered facsimile number in a case where a key representing the facsimile sending is depressed pursuant to depression of a key corresponding to the abbreviation number; and

a step of executing electronic mail sending of the read image to the registered electronic mail address in a case where a key representing the electronic mail sending is depressed pursuant to depression of the key corresponding to the abbreviation number.

16. A storage medium according to Claim 15 to
store a computer program for the implementation of the
communication method further comprising a step of
notifying the destination having the facsimile number,
5   registered for the same abbreviation number as that for
which the electronic mail address has been registered,
of sending of the electronic mail within a
predetermined time before and after the sending of the
electronic mail, in case of sending the electronic mail
10   to the electronic mail address.

17. A storage medium according to Claim 15 to
store a computer program for the implementation of the
communication method wherein a used public
15   communication line is a digital communication line
capable of simultaneously executing plural
communications,

wherein said method executes the facsimile sending
of the read image to the registered facsimile number by
20   using a first communication channel, and executes the
electronic mail sending of the read image to the
registered electronic mail address by using a second
communication channel, in a case where the key
representing the facsimile sending and the key
25   representing the electronic mail sending are depressed
pursuant to the depression of the key corresponding to
the abbreviation number.

18.   A storage medium according to Claim 15 to store a computer program for the implementation of the communication method wherein a used public communication line is a digital communication line

5   capable of simultaneously executing plural communications,

wherein said method executes the facsimile sending of the read image to the registered facsimile number by using a first communication channel, and executes the

10   electronic mail sending of the read image to the registered electronic mail address by using a second communication channel, in a case where a key representing simultaneous sending of the facsimile and the electronic mail is depressed pursuant to the

15   depression of the key representing the abbreviation number.

19.   A storage medium according to Claim 15 to store a computer program for the implementation of the

20   communication method further comprising:

a step of registering, in the registering process for the abbreviation number, input data as the electronic mail address in a case where the key representing the electronic mail sending is depressed

25   pursuant to input of the electronic mail address; and

a step of registering, in the registering process for the abbreviation number, the input data as the

facsimile number in a case where the key representing
the facsimile sending is depressed pursuant to input of
the facsimile number.

5   20.   A storage medium according to Claim 15 to
store a computer program for the implementation of the
communication method further comprising a step of
registering, in the registering process for the
abbreviation number, input data as the electronic mail
10   address in a case where a specific symbol used in the
electronic mail address is included in the input data.

        21.   A storage medium according to Claim 15 to
store a computer program for the implementation of the
15   communication method further comprising:
        a step of notifying a second CPU that a first CPU
detected the depression of the key representing the
electronic mail sending;
        a step of forming electronic mail data when the
20   second CPU receives the notification; and
        a step of executing the data sending process from
the second CPU to the public communication line.